

Appendix A

Appendix A

service

```
service $$  
service alignment $Control alignment correction and logging$  
service alignment detection $Enable detection of alignment issues$  
service alignment logging $Enable logging of alignment issues$  
service compress-config $Compress the configuration file$  
service config $TFTP load config files$  
service dhcp $Enable DHCP server and relay agent$  
service disable-ip-fast-frag $Disable IP particle-based fast fragmentation$  
service exec-callback $Enable exec callback$  
service exec-wait $Delay EXEC startup on noisy lines$  
service finger $Allow responses to finger requests$  
service hide-telnet-addresses $Hide destination addresses in telnet command$  
service linenumber $enable line number banner for each exec$  
service nagle $Enable Nagle's congestion control algorithm$  
service old-slip-prompts $Allow old scripts to operate with slip/ppp$  
service pad & $Enable PAD commands$  
service pad cmns $Enable PAD over CMNS connections$  
service pad from-xot $Accept XOT to PAD connections$  
service pad to-xot $Allow outgoing PAD over XOT connections$  
service password-encryption $Encrypt system passwords$  
service prompt $Enable mode specific prompt$  
service prompt config $Enable configuration mode prompt$  
service pt-vty-logging $Log significant VTY-Async events$  
service sequence-numbers $Stamp logger messages with a sequence number$  
service single-slot-reload-enable $$Single Line Card Reload Option$  
service slave-log $Enable log capability of slave IPS$  
service tcp-keepalives-in $Generate keepalives on idle incoming network connections$  
service tcp-keepalives-out $Generate keepalives on idle outgoing network  
connections$  
service tcp-small-servers & $Enable small TCP servers (e.g., ECHO)$  
service tcp-small-servers max-servers $Set number of allowable TCP small servers$  
service tcp-small-servers max-servers <1-2147483647> $Maximum TCP small servers@  
service tcp-small-servers no-limit $No limit to number of allowable TCP  
small servers$  
service telnet-zeroidle $Set TCP window 0 when connection is idle$  
service timestamps & $Timestamp debug/log messages$  
service timestamps debug & $Timestamp debug messages$  
service timestamps debug datetime & $Timestamp with date and time$  
service timestamps debug datetime localtime & $Use local time zone for timestamps$  
service timestamps debug datetime localtime msec & $Include milliseconds in  
timestamp$  
service timestamps debug datetime localtime msec show-timezone $Add time zone  
information to timestamp$  
service timestamps debug datetime localtime show-timezone & $Add time zone  
information to timestamp$  
service timestamps debug datetime localtime show-timezone msec $Include milliseconds  
in timestamp$  
service timestamps debug datetime msec & $Include milliseconds in timestamp$  
service timestamps debug datetime msec localtime & $Use local time zone for  
timestamps$  
service timestamps debug datetime msec localtime show-timezone $Add time zone  
information to timestamp$  
service timestamps debug datetime msec show-timezone & $Add time zone information to  
timestamp$  
service timestamp's debug datetime show-timezone localtime & $Use local time zone for  
timestamps$  
service timestamps debug datetime show-timezone localtime msec $Include milliseconds  
in timestamp$  
service timestamps debug datetime show-timezone msec & $Include milliseconds in
```

service
timestamp\$
service timestamps debug datetime show-timezone msec localtime \$Use local time zone
for timestamps\$
service timestamps debug uptime \$Timestamp with system uptime\$
service timestamps log & \$Timestamp log messages\$
service timestamps log datetime & \$Timestamp with date and time\$
service timestamps log datetime localtime & \$Use local time zone for timestamps\$
service timestamps log datetime localtime msec & \$Include milliseconds in timestamp\$
service timestamps log datetime localtime msec show-timezone \$Add time zone
information to timestamp\$
service timestamps log datetime localtime show-timezone & \$Add time zone information
to timestamp\$
service timestamps log datetime localtime show-timezone msec \$Include milliseconds
in timestamp\$
service timestamps log datetime msec & \$Include milliseconds in timestamp\$
service timestamps log datetime msec localtime & \$Use local time zone for
timestamps\$
service timestamps log datetime msec localtime show-timezone \$Add time zone
information to timestamp\$
service timestamps log datetime msec show-timezone & \$Add time zone information to
timestamp\$
service timestamps log datetime msec show-timezone localtime \$Use local time zone
for timestamps\$
service timestamps log datetime show-timezone & \$Add time zone information to
timestamp\$
service timestamps log datetime show-timezone localtime & \$Use local time zone for
timestamps\$
service timestamps log datetime show-timezone localtime msec \$Include milliseconds
in timestamp\$
service timestamps log datetime show-timezone msec & \$Include milliseconds in
timestamp\$
service timestamps log datetime show-timezone msec localtime \$Use local time zone
for timestamps\$
service timestamps log uptime \$Timestamp with system uptime\$
service udp-small-servers & \$Enable small UDP servers (e.g., ECHO)\$
service udp-small-servers max-servers \$Set number of allowable UDP small servers\$
service udp-small-servers max-servers <1-2147483647> \$Maximum UDP small servers\$
service udp-small-servers max-servers no-limit \$No limit to number of allowable UDP
small servers\$

Appendix B

Appendix B

```
<?xml version="1.0" encoding="UTF-8"?><!-- edited with XML Spy v3.5 NT
(http://www.xmlspy.com) by David Heiser (Continuum Networks, Inc.) --
><xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"
elementFormDefault="qualified">
<xsd:element name="configuration">
  <xsd:complexType>
<xsd:choice>
  <xsd:element name="service">
    <xsd:annotation><xsd:documentation></xsd:documentation></xsd:annotation>
  <xsd:complexType>
<xsd:choice>
  <xsd:element name="alignment">
    <xsd:annotation><xsd:documentation>Control alignment correction and
logging</xsd:documentation></xsd:annotation>
  <xsd:complexType>
<xsd:choice>
  <xsd:element name="detection">
    <xsd:annotation><xsd:documentation>Enable detection of alignment
issues</xsd:documentation></xsd:annotation>
    <xsd:complexType/>
</xsd:element>
  <xsd:element name="logging">
    <xsd:annotation><xsd:documentation>Enable logging of alignment
issues</xsd:documentation></xsd:annotation>
    <xsd:complexType/>
</xsd:element>
</xsd:choice>
  </xsd:complexType>
</xsd:element>
<xsd:element name="compress-config">
  <xsd:annotation><xsd:documentation>Compress the configuration
file</xsd:documentation></xsd:annotation>
  <xsd:complexType/>
</xsd:element>
  <xsd:element name="config">
    <xsd:annotation><xsd:documentation>TFTP load config
files</xsd:documentation></xsd:annotation>
    <xsd:complexType/>
</xsd:element>
  <xsd:element name="dhcp">
    <xsd:annotation><xsd:documentation>Enable DHCP server and relay
agent</xsd:documentation></xsd:annotation>
    <xsd:complexType/>
</xsd:element>
  <xsd:element name="disable-ip-fast-frag">
    <xsd:annotation><xsd:documentation>Disable IP particle-based fast
fragmentation</xsd:documentation></xsd:annotation>
    <xsd:complexType/>
</xsd:element>
  <xsd:element name="exec-callback">
    <xsd:annotation><xsd:documentation>Enable exec
callback</xsd:documentation></xsd:annotation>
    <xsd:complexType/>
</xsd:element>
  <xsd:element name="exec-wait">
    <xsd:annotation><xsd:documentation>Delay EXEC startup on noisy
lines</xsd:documentation></xsd:annotation>
```